



## MEMORANDUM

**TO:** Mid-Coast IR TMDL Local Stakeholder Advisory Committee (LSAC) Members  
**FROM:** Turner Odell and Peter Harkema, Oregon Consensus (OC)  
**SUBJECT:** DRAFT – Action Items from June 20 Meeting – DRAFT  
**DATE:** June 27, 2012

This memo follows up on the June 20, 2012, meeting of the Mid-Coast Implementation Ready Total Maximum Daily Load (IR TMDL) Local Stakeholder Advisory Committee (LSAC), held at the Shilo Inn in Newport, Oregon. The memo includes the following: proposed future meeting dates, identified action items and brief summaries of key topics discussed.

### Upcoming Meetings

Please take note and calendar the following meetings.

Meeting	Date	Location
Bacteria TWG/Temperature TWG/Sediment TWG	July 17 ( <i>tentative-members will be contacted</i> )	Florence – TBD
LSAC Meeting 5	July 18, 2012	Florence Events Center
TWG Meetings	August 14, 2012	Newport City Hall- TBD
LSAC Meeting 6 ( <i>tentative</i> )	August 15, 2012	Newport - TBD
LSAC Meeting 7 and TWG meetings	September 19	TBD
LSAC Meetings 7 - 14 TWG Meetings	August 2012 – November 2013 ( <i>see Meeting Schedule &amp; Workplan</i> )	TBD

### Action Items

Action Item	Who	Date
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1. <u>Action Items</u> <ul style="list-style-type: none"> <li>• Prepare draft Action Items memo and distribute to LSAC members for review</li> </ul>	OC (Turner and Peter) with DEQ	Complete
2. <u>303d List and Data Methodologies</u> <ul style="list-style-type: none"> <li>• Continue to provide updates as things develop</li> </ul>	DEQ	Ongoing
3. <u>Participant List</u> <ul style="list-style-type: none"> <li>• Revise membership/alternate list and distribute final to LSAC</li> </ul>	OC	In advance of July meeting
4. <u>Communication</u> <ul style="list-style-type: none"> <li>• Distribute draft concise summaries of the MC-TMDL process and the IR TMDL concept for use by LSAC members with their constituents and for other communication efforts</li> <li>• Look for opportunities to inform the community of Mid-Coast TMDL efforts</li> <li>• Consider how best to maintain ongoing coordination between TWGs</li> </ul>	DEQ  DEQ/Committee members  OC/DEQ/Committee members	Strive for in advance of July meeting  Ongoing  Ongoing
5. <u>Additional Committees</u> <ul style="list-style-type: none"> <li>• Continue to provide updates on Ad Hoc Policy committee development</li> </ul>	DEQ	Ongoing
6. <u>TWGs</u> <ul style="list-style-type: none"> <li>• Set July meeting schedule and notify LSAC members ASAP</li> </ul>	OC with DEQ	ASAP
7. <u>Sediment</u> <ul style="list-style-type: none"> <li>• Select representative group to serve on TWG; notify LSAC of membership once finalized</li> <li>• Post links to Hanberg 2004 landslide hazard assessment study</li> <li>• Post links to ODF guidance documents</li> <li>• Provide information on an ODA rules for roads in Mid-Coast</li> </ul>	DEQ  DEQ  DEQ with ODF  Kevin F	By cob, June 29  By cob, June 29  By cob, June 29  Complete

LSAC Members Present: Hui Rodomsky (Salmon Drift Creek WSC), Charlie Plybon (Surfrider Foundation), Paul Robertson (Devils Lake WID), Liz Vollmer-Buhl (Siuslaw Watershed Council), Jeff Light (Plum Creek Timber Company), Dale Stewart (BLM), Al Doelker (BLM), Joe Steere (small woodland/agriculture), Richard Huff (private landowner), Kevin Fenn (ODA), Wayne Hoffman (Mid Coast Watersheds Council), Karl Schumacher (Georgia Pacific, Toledo LLC), Dan Avery (ODFW), Glen Spain (PCFFA), Ray Kinney (Siuslaw SWCD), Steve Hager (Siuslaw WSC), Heather Medina Saucedo (NRCS), Don Kessi (private landowner), David Wilkinson

(ODA), Stan Van de Wetering (Confederated Tribes of the Siletz Indians), Peter Daugherty (ODF), Joshua Lambert (Lincoln SWCD), Chuck Fisher (alternate for Kami Ellingson - USFS), Randy Hereford (Starker Forests Inc.), Christine DeMoll (alternate for Paul Engelmeyer);

Project Team Members Present: David Waltz, Gene Foster, Ryan Michie, Josh Seeds, Kevin Brannan, Karen Tarnow, Zach Loboy (DEQ); Jenny Wu, Helen Rueda (EPA)

Other Attendees (partial list): Jeff Lockwood (NOAA), Nina Bell (NW Environmental Advocates), Peter Adams (BLM-TWG), Chris Jarmer (OFIC), Steve Steiner (BLM-TWG), Dave Rankin (Small Woodlands), Mark Yeager (City of Albany), Peter Ruffier (Clean Water Services), Gary Springer (OR Board of Forestry), Jim Welsh (OR Cattleman's Association), Kate Danks (NRCS)

Facilitation: Turner Odell (OC), Peter Harkema (OC)

## **Meeting Notes**

### Key Topics and Themes

During the fourth meeting of the Mid-Coast TMDL LSAC attendees: (1) heard updates on agreed-upon action items from the May 16 meeting, (2) heard an overview and provided feedback on the overall sediment TMDL approach and conceptual model, (3) heard an overview and provided feedback on the proposed approach to source analysis, landslides, and roads, (4) heard a summary of desired qualifications and volunteered for service on the sediment TWG membership. The meeting materials (including agendas, handouts and PowerPoint presentations) will be available through the DEQ Mid-Coast TMDLs project website at: (<http://www.deq.state.or.us/wq/tmdls/midcoast.htm>). The recording malfunctioned during the morning presentation, so there is little audio record.

### Stakeholder Questions, Issues, Concerns, and Agency Responses

#### *Updates and General Discussion*

Members received updates on past action items from the DEQ and facilitation teams, including brief overviews of the topics discussed during the previous day's temperature and bacteria TWG meetings, which will be captured more fully in individual action item memos for each of those meetings. DEQ staff noted that progress on the development of a statewide TMDL advisory committee (formerly "Ad Hoc Policy Group") continues and will draw membership from a variety of places including some current and former state committees.

#### *Sediment Discussion*

Members were provided a brief review of the Mid-Coast sediment impairments and an overview of the conceptual sources of sediment based on the literature and experience. Staff noted that contributions to in-stream sediment loads, and sediment generation, transport and deposition are complicated and are derived from both natural events and anthropogenic sources. The TMDL source analysis will focus on identifying the anthropogenic related factors influencing sedimentation in the geographic areas that are 303(d) listed or have biocriteria impairments. A brief overview of landslides and the relationships among large wood, channel morphology and bank stability were provided. Some members noted that not all sediment delivery is bad and serves crucial ecological roles such as providing a variety of spawning substrate and habitat for macro-invertebrates. It was also suggested that weathering might be a significant factor

impacting sedimentation in the Mid-Coast. Others noted that channel and instream restoration activities need to be evaluated in the context of their impacts to landowners. Specifically, concern was expressed over the potential effects of restoring channel complexity to simplified or channelized streams and altering current floodplain extent on land use. DEQ then provided an overview of the approach to landslide analysis and the probabilistic infinite slope stability model (PISA-m) proposed for use in evaluating the probability for landslides in the Mid-Coast Basin. LSAC members asked a number of questions about the model and how various geomorphic and environmental factors are considered.

Roads: DEQ provided members with an overview of the effects of road networks on key watershed processes, including: sediment generation and delivery to waterbodies, shade reduction and altered channel morphology, based on literature and practice. The location of drinking water source areas in the MidCoast Basin to the road network density was shown. The information progressed from generalized road types to more specific characteristics of different classes of primarily unsurfaced roads (forest, County, agricultural, other private) that may alter hydrology and are potential sources of sediment to waterbodies.

Background on Forest Practices Act (FPA) requirements was provided, along with a brief description of Oregon Plan voluntary measures and reporting associated with road network upgrades. DEQ presented an outline of the types of information needed to perform an assessment of the amount of medium and higher risk road segments occurring in private forest ownership, as well as the other sectors. LSAC members engaged in discussion of the Oregon Plan measures, types and scope of road management activities conducted by private industrial timber landowners, status and condition of the road network, inventories that were conducted by private landowners/operators, and the ensuing documentation that has been generated and submitted to OWEB to report on those road improvement activities.

Clarification of FPA requirements were provided by LSAC members from ODF and industry. FPA rules do not require operators to develop and maintain either a road network inventory or a road management plan; under the FPA, operators are required to meet certain water protection outcomes using established best management practices (BMPs) for road construction, upgrades and maintenance. Members posed questions about the development and format of road inventories (e.g., GIS based) and potential to cross reference various inventories. DEQ staff noted that the sediment TWG (and LSAC) will be provided with detailed information on an approach to identifying the medium and higher risk road segments that also addresses the CZARA outstanding forestry measure, based on inter-agency coordination activities with ODF using FPA terminology, BMPs and published guidance from sources including ODF and industry.

Additional discussion included characteristics of roads on agricultural lands. ODA staff provided an outline of current ODA rules developed to prevent sediment from reaching waterbodies and relationship to FPA rules where roads crossing agricultural lands are also used for timber operations. It was noted that, since there are over 30 separate Agricultural water quality management areas, there are differences among the Area Rules and Plans addressing roads. ODA staff provided additional clarification and supporting information for the MidCoast Basin Area Rules by email following the meeting.

LSAC members identified County roads, including Big Elk county road, as a major concern as a source of sedimentation in areas being examined in the scope of the MidCoast Basin TMDLs. Members also raised issues related to the types of road surfacing materials, including the differences between native soils & gravel and "imported" gravel from other areas (e.g., Willamette Valley). One concern is the "foreign" materials may add fine sediment that is

weathers differently (in size and composition) and may be potentially more toxic to aquatic biota than the native materials.

### *TWG Selection*

DEQ provided members with an overview of the knowledge, expertise and experience that would be important to have represented on the Sediment TWG. Desirable criteria for TWG participation are listed below, followed by the list of individuals who either volunteered or who were suggested to participate on the sediment TWG.

### *Sediment TWG Member Expertise and Experience Criteria*

- Riparian/ecosystem restoration and vegetation management
- Land-use management and local knowledge of land uses
- Landslides and mass movement
- Roads
- Stream hydrology
- Drinking water treatment
- Aquatic ecology

### *Sediment TWG Volunteers and nominees*

#### *Volunteers from LSAC or Alternates:*

- Stephen Hager (Siuslaw WSC)
- Wayne Hoffman (Mid-Coast WSC)
- ODF (Michael Buren – landslides; Daren Cone – roads)
- Peter Adams (BLM)
- Dan Avery (ODFW)
- Randy Hereford (Starker Forests Inc.)
- Stan van de Wetering (Confederated Tribes of the Siletz Indians)
- Glen Spain (PCFFA)
- Hui Rodomsky (Salmon Drift Creek WSC)
- Richard Huff (private landowner)
- Kate Danks (NRCS)
- Jim Buisman (Lincoln County)
- Kami Ellingson or designee (USFS)

#### *Non LSAC/Alternates Volunteered by Others:*

- Maryanne Reiter (Weyerhaeuser) – Alt. Susan Shaw

### *Agenda for Next LSAC Meeting*

The next LSAC meeting is scheduled to be in Florence, tentative agenda topics include the following:

- Action Items updates
- Bacteria TWG update
- Temperature TWG update
- Sediment TWG update

The meeting adjourned at approximately 2:00 PM.